



# Input? Output? What's the difference?

Word	Definition
<b>Mechanism</b>	A system of parts working together.
<b>Linkage</b>	A set of levers linked together to form a mechanism.
<b>Input</b>	The motion used to <b>start</b> a mechanism.
<b>Output</b>	The motion that happens as a result of starting the input.
<b>Motion</b>	The movement an object makes when controlled by an input or an output (left, right, up, down)
<b>Structure</b>	Something which stands, usually on its own.
<b>Exploded diagram</b>	Shows all the parts of a product, including the internal and external parts.
<b>Prototype</b>	A simple model that lets you test your ideas.
<b>CAD</b>	Computer-aided-design. Use a computer to design a product, diagram or drawing.
<b>Design criteria</b>	Helps designers focus their Ideas. Can measure success against it.

## Key Knowledge and Concepts.

**Template** - Can be made from metal, plastic or paper. It is used for making many copies of the same shape, or to help cut material accurately.

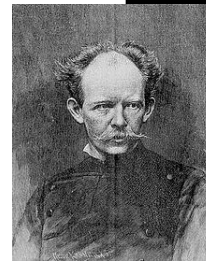
**Aesthetic** - How an object looks. It can be a good look or a bad look.

**Pivot** - A pin or point on which something turns.

**Sliders** - Part of a mechanism which lets an object move from side to side.

**Levers** - Part of a mechanism which lets an object move up and down.

**Caption** - A short piece of writing under a picture to explain the picture.



**Lothar Meggendorfer (b1947-d1925)**  
Was a well known author of pop-up books in the 1800s.

